

FY21 Financial Results

16 March 2022







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1 Key Highlights

NBG FY21 Group financial highlights: outperformance in all key targets



FY21 PAT cont. ops €833m

up +41% yoy

Personnel Costs
-11.7%yoy

Opex -6.0%_{yoy}

FY21 COP **€450***m*

up +40% yoy, reflecting core income growth and decisive cost cutting

NPEs¹ €2.1b Net NPEs at €0.5b

NPE ratio 1,2 **6.9**%

NPE Coverage¹ 77.5%

CoR €265m 96bps (68bps in 4Q21)

CET1³
16.9% (FL at 14.9%)

Total Capital³ **17.5%** (FL at 15.5%)

Pro forma for Ethniki Insurance and Evo merchant acquiring, CET1 and Total Capital ratios at c18% and c19%

^{1.} Domestic level | 2. including impact of Frontier II portfolio reclassified as HFS | 3. Including period PAT

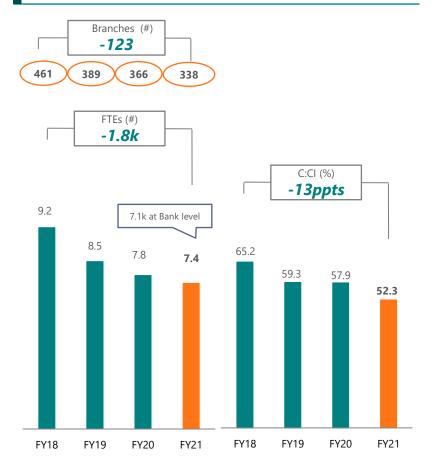


Annual OpEx costs have been slashed by c€200m in 3 years, driving a sharp C:CI reduction

Personnel & G&As costs (€ m) | Domestic

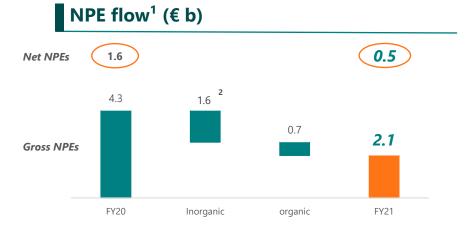
Domestic headcount & branches | C:CI¹



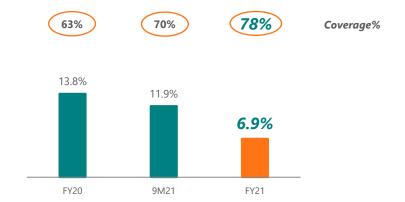




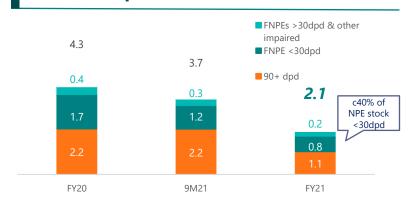
NPE exposure reduced by half during 2021 leaving a residual net NPE exposure of €0.5b



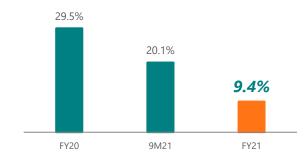
NPE ratio & Coverage¹ (%)



NPE decomposition¹ (€ b)



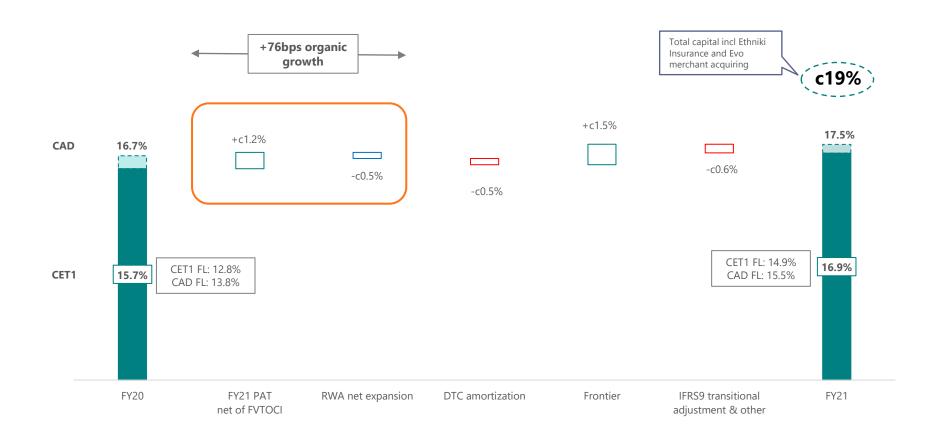
Net NPEs over CET1 (%)





CET1 and CAD at 16.9% (+c120bps yoy) and 17.5%; CAD at c19% pro forma Ethniki and EVO

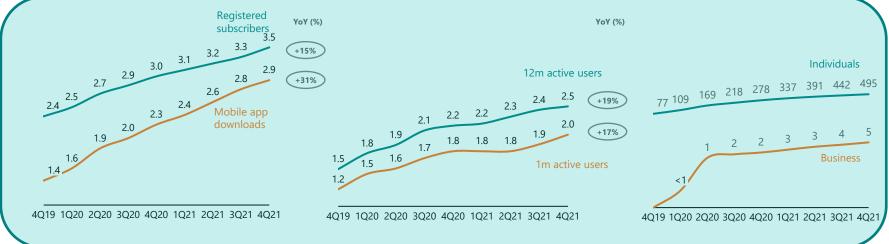
FY21 Capital movement¹





Digital banking continues to demonstrate impressive results capturing market dynamics





Market share for mobile banking users at 32% Market share for internet banking users at 25%

Note: Digital active customers have used NBG's Internet Banking and/or Mobile Banking at least once in the last 12 months (12m) or in the last month (1m)

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2021: A year of achievements acknowledged by the market



"Bank of the Year in Greece 2021" by The Banker magazine



"Best Trade Finance Bank in Greece" for 9th year by Global Finance



"Shipping Financier of the Year" for 2021 by Lloyd's List in the 18th Greek Shipping Awards event







Best Consumer Digital Bank, Best Digital SME Bank and Best Mobile Banking App for Greece in 2021 from World Finance

Partnerships

- Apple pay: cooperation with Apple by offering contactless and electronic payments with Apple mobile devices
- **eBay:** strategic partnership with eBay offering a host of benefits to business customers, aiming to enhance the extroversion and competitiveness of Greek Small and Medium-sized enterprises
- **EVO payments jv** on NBG's merchant acquiring business



NBG won the 2022 Digital Innovation Award by the Economist





NBG won three awards for our mobile banking services and our action plan in view of Covid-19





One gold and two silver awards in the institution of rewarding technological innovation in Impact Bite Awards 2021





Two Gold and two Bronze distinctions (Banking, e-payments, digital transformation, mobile app)



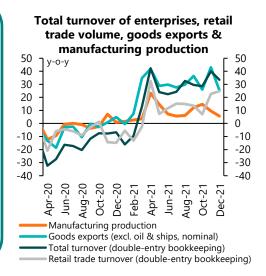
A strong start to 2022 against a turbulent international backdrop

Greece's
economic
performance
remains
buoyant with
leading
indicators near
all-time highs
through early
2022

Greek GDP grew by a solid 8.3% in 2021 providing a strong starting point for 2022 with a positive carry-over effect on 2022 GDP growth of about 1.5 pps

High-frequency indicators show that the strong momentum carried over into early 2022:

- Business turnover +33% y-o-y in 4Q21 (exceeding 4Q19 by 22%) and profits at an 8-year high
- Unemployment rate decreased to 12.8% in December, the lowest since June 2010, with employment surveys pointing to further improvement in 2M22
- Economic sentiment and manufacturing PMI remained close to all-time highs in February
- Mobility indicators recorded double-digit y-o-y increases in 1Q22
- Goods exports (x oil/ships) +31% y-o-y in 4Q21 close to an all-time high over GDP

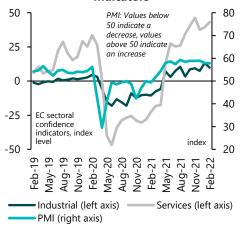


Significant buffers remain to cushion the impact on activity The global inflation shock compounded by the evolving geopolitical crisis, will adversely affect real disposable income, production costs and economic sentiment through surging energy and agricultural commodity prices. Supportive factors towards sustaining an investment-led recovery:

- Capacity utilization rates, production levels and export orders at multi-year highs
- Cash buffers of firms and households at the highest levels in 10 years
- Public investment spending including RRF the strongest since 2003-2004
- A better-than-expected fiscal outcome in 2021 by nearly 2 pp of GDP
- Higher fiscal flexibility and new EU initiatives to counteract the energy shock

Greece's direct exposure to the Russian Federation (exports, tourism, FDI) amounts to c. 0.3% of GDP, whereas c. 15% of domestic energy consumption originates from Russia

PMI & main sectoral confidence indicators



Building on strong 2021 momentum, maintain FY22 guidance for profitability with overperformance on capital and asset quality





^{1.} Domestic | 2. RoTE calculated as core PAT (excl trading, other income and one-offs) over normalized tangible equity | 3. excluding potential MREL related issuances in 2022. Room for additional c200bps AT1/T2

NBG 2024 Key Financial Targets: delivering a clean balance sheet, a well capitalized Bank and returning value to the shareholder on the back of strong recurring profitability



	Drivers and Actions		2021	2024T
Clean Balance Sheet	 NPE clean up largely completed Organic flows to remain negative, supported by effective restructurings and liquidations Residual NPE reduction required to match EU peer benchmarks stand at c€1b 	NPE ratio ¹	6.9%	c3 %
Well Capitalized	 Strong organic capital generation to increase further on strong profitability Maintaining significant capital buffers, enhancing our capacity for dividend distribution Aim for Dividend distribution out of 2022 earnings³ 	CET1 FL	14.9%	>15%
Strong Profitability	 Fully offset NII headwinds from NPE clean up, TLTRO and MREL, with performing loan expansion of c€1.5-2b p.a., capitalizing on Greece's new growth cycle Fee income growth (c10%p.a.) from higher activity and increased cross sell and penetration in products and segments, especially in investment products, bancassurance and capital markets, leveraging on improved data analytics Cost reduction to a C:Cl of <47%, despite continued strong IT spend, through further operating efficiencies, including the shift to digital, the motivation of our people and the introduction of a new CBS with cloud capabilities Clean balance sheet, allows CoR normalization to <60bps 	RoTE ²	8.1%	c10%

DELIVERY ENGINE - Our Transformation Programme

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2 Financial Results



OF GREECE

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Strength across key P&L lines drives FY21 COP to €450m (+40%), while FY21 PAT (cont. ops.) reaches €833m

P&L Highlights

FY21 Group PAT (cont. ops.) reaches €833m, up by 41% yoy, driven by **COP up by 40% to €450m.** Strong core operating trends across the P&L, with core income growth (+4% yoy) combined with solid cost cutting (-6% yoy) and CoR normalization. More specifically:

- NII (+3% yoy) is supported by accelerating disbursements¹.
 Domestic PE loan additions accelerated in 4Q reaching
 €1.4b yoy, reflecting FY21 disbursements¹ of c€5b; retail disbursements growth keeps accelerating, comprising c1/5th of new loan origination
- Fee growth (+10% yoy) is supported by the sharp and sustainable pick up in retail and corporate loan origination, as well as card, intermediation and digital business fees
- Personnel expense optimization continues decisively (-12% yoy), absorbing increased depreciation charges driven by a reinforced IT investment strategy; our C:Cl improves by c6ppts yoy to 52.3%
- Cost of risk drops below 100bps, on a sustainable normalization path, with the 4Q21 run rate settling at 68bps; coverage continues to rise, reaching 77%

P&L | Group

<u> </u>					
€m	FY21	FY20	YoY	4Q21	QoQ
NII	1 212	1 179	+3%	308	-0%
Net Fees & Commissions	287	260	+10%	74	+1%
Core Income	1 498	1 440	+4%	382	-0%
Trading & other income	404	1 098	-63%	(9)	-77%
Total Income	1 902	2 538	-25%	374	+8%
Operating Expenses	(783)	(833)	-6%	(212)	+13%
Core PPI	715	607	+18%	170	-13%
PPI	1 119	1 705	-34%	161	+2%
Loan Impairments	(265)	(1 072)	-75%	(49)	-25%
Operating Profit	854	632	+35%	112	+21%
Core Operating Profit	450	323	+40%	121	-7%
Other impairments	(6)	(29)	-79%	13	>100%
PBT	848	604	+41%	125	+29%
Taxes	(15)	(14)	+10%	(5)	-18%
PAT (cont. ops)	833	590	+41%	120	+32%
Disc. ops, minorities & other	34	(557)	n/m	(20)	n/m
PAT attributable	867	33	>100%	100	-48%
		\			
Key P&L ratios	FY21	FY20	YoY	4Q21	QoQ

Key P&L ratios	FY21	FY20	YoY	4Q21	QoQ
Cost-to-Core Income (%)	52.3%	57.9%	-5.6pps	55.6%	+6.4pps
COP margin (bps)	162	113	+50	168	-23
core RoTE (%)	8.1%	5.6%	+2.5pps	9.7%	-0.1pps



Sustained organic and inorganic NPE reduction drives NPE¹ ratio to 6.9%; best in class capital buffers further enhanced

Asset Quality, Liquidity & Capital Highlights

NPE stock¹ at €2.1b or €0.5b net of provisions; NPE ratio¹ at 6.9%

- Organic NPE flows in 4Q remained negative, totaling c€-0.7b in FY21. Coupled with the 4Q HFS transfer of Frontier II, the YE21 domestic NPE balance dropped by €2.2b yoy
- Nearly 40% of our NPEs are comprised of FNPEs <30dpd, likely to cure in the next few quarters
- Ex moratoria clients' performance remains <4% in terms of clients in default, more than a year post moratoria expiry
- NPE coverage increases further to 77% (+c14ppts yoy), despite gradual CoR normalization, on negative organic NPE formation trends

Domestic PE loan book expansion accelerates

Sector high domestic loan additions accelerate to +€1.4b in FY21
from +€0.8b in the 9M21, driven by a sharp pick up in 4Q corporate
disbursements and a stabilization of the performing retail book

CET1 ratio at 16.9%, total capital at 17.5%

CET1 improves further by +c50bps qoq and by +c120bps yoy to
 16.9% (14.9% on a FL basis), reflecting strong profitability and capital accretive transactions

Key P&L Ratios | Group

	4Q21	3Q21	2Q21	1Q21	4Q20
NIM (bps)	206	216	214	213	229
Cost-to-Core Income	55%	49%	51%	53%	56%
Core PPI margin (bps)	237	288	266	253	242
CoR (bps)	68	96	110	113	241
COP margin (bps)	168	191	156	140	138

Key Balance Sheet Ratios | Group

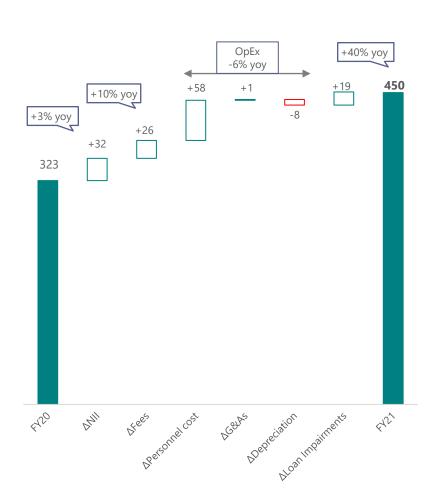
	4Q21	3Q21	2Q21	1Q21	4Q20
Liquidity					
Loans-to-Deposits	57%²	52%	53%	56%	55%
LCR	242%	266%	259%	250%	232%
Asset quality					
NPE ratio	7.0%	11.9%	12.7%	13.1%	13.6%
NPE coverage	77.2%	69.8%	66.4%	64.8%	62.9%
Capital					
CET1	16.9%³	16.4%³	16.0%³	16.1%³	15.7%
CET1 FL	14.9%³	14.2%³	13.8%³	14.0%³	12.8%
RWAs (€ b)	34.7	36.7	36.7	36.6	36.6

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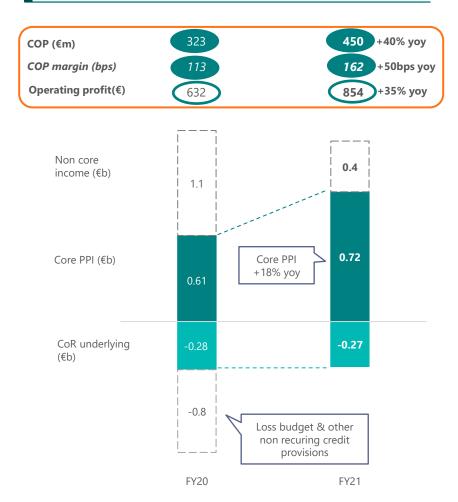


FY21 group COP of €450m (+40% yoy) reflects NII resilience, fee income growth and sustained cost containment

Group core operating profit bridge FY21 (€ m)



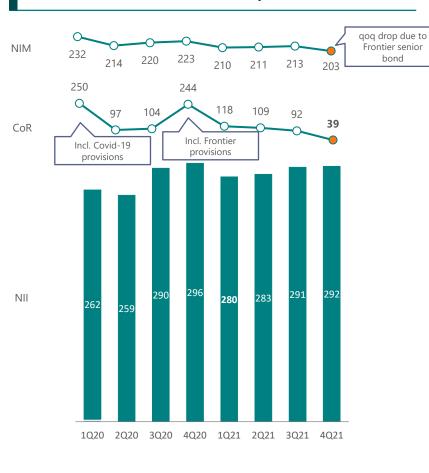
Group operating profit decomposition FY21 (€ b)







Domestic NII (€ m), NIM & CoR (bps)



Domestic NII breakdown (€ m)

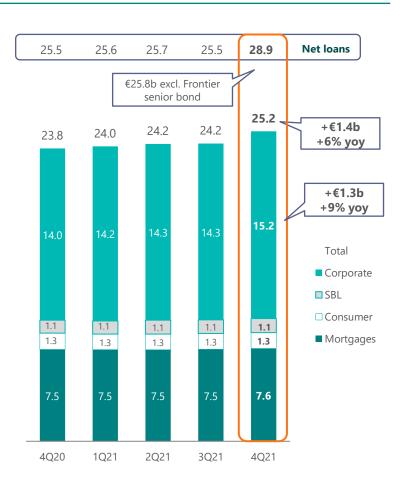




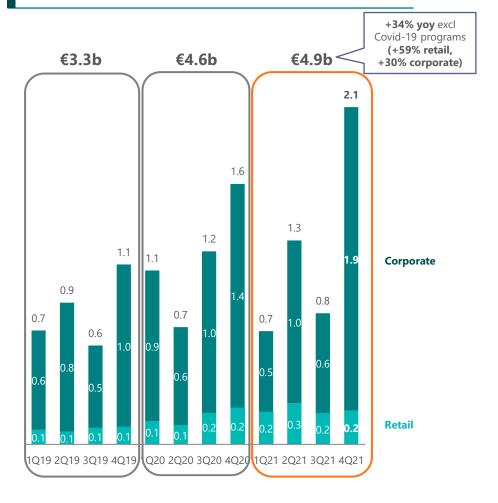
Domestic sector-high PE loan additions at €1.4b are fueled by loan disbursements of c€5b, +34% yoy

NATIONAL BANK OF GREECE

Greek loan evolution | performing loans (€ b)

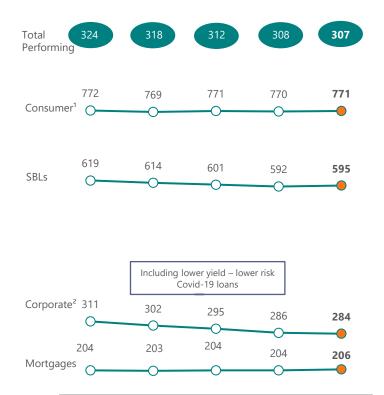


Loan disbursements¹ (€ b)





Greek PE lending yields (bps)



Greek forborne & PE yields, NPE NII %



4Q20

1Q21

2Q21

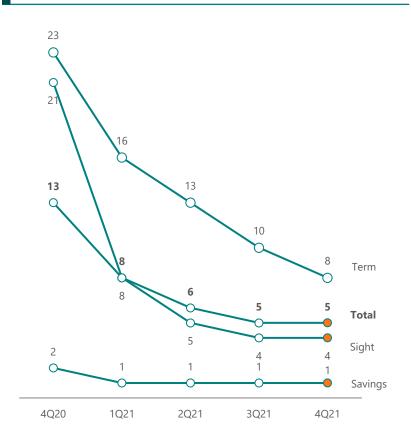
3Q21

4Q21

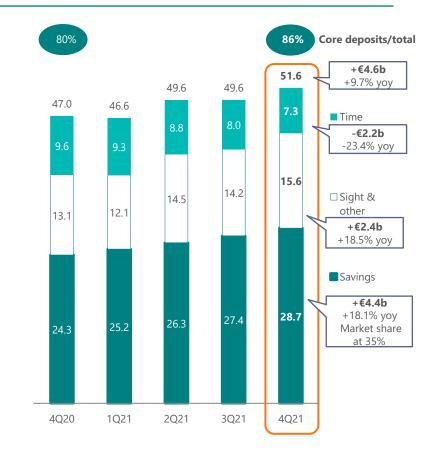
^{1.} excl cards / 2. excl. shipping



Greek deposit yields (bps)

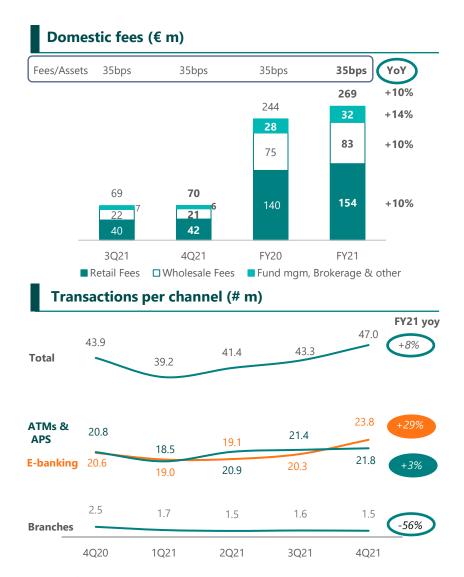


Greek deposit evolution (€ b)

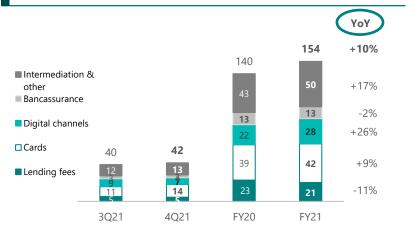




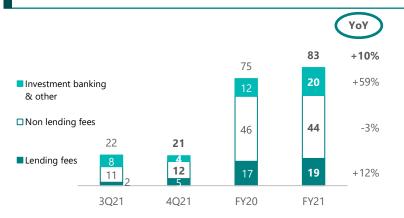
FY21 Fees (+10% yoy) driven by sustainable growth in origination, intermediation, card and digital fees



Domestic retail fees decomposition (€ m)



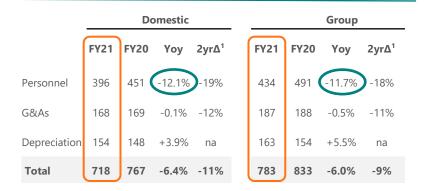
Domestic corporate fees decomposition (€ m)



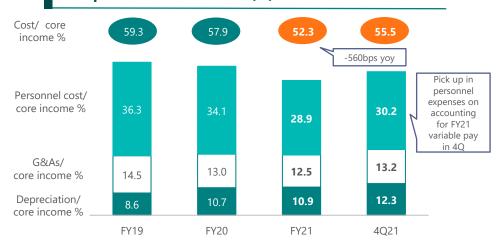


FY21 HR costs (-12% yoy), absorb increasing depreciation due to strategic IT investment; C:CI nearly -6ppts yoy

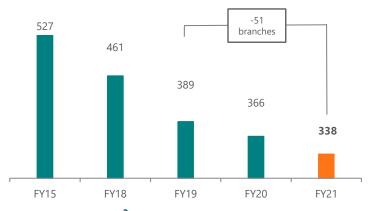
OpEx by category (€ m)



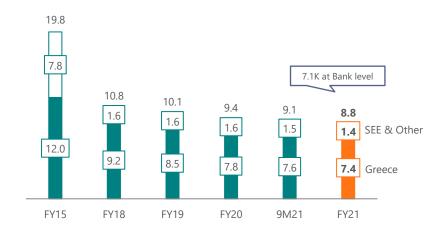
Group Cost to Core Income (%)



Domestic Branch evolution (#)

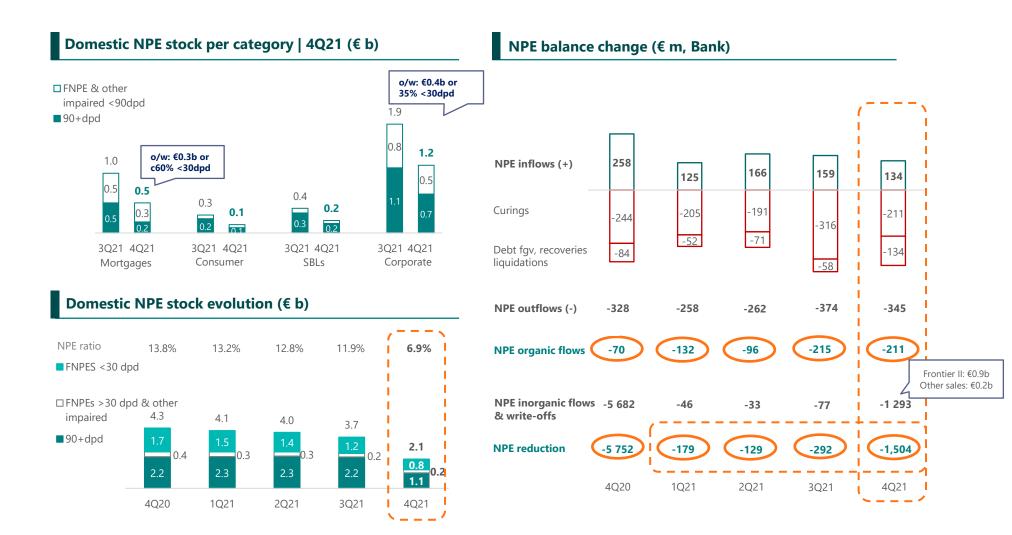


Group headcount² evolution (# k)











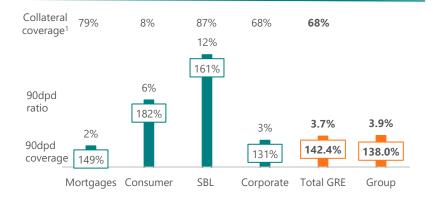


Mortgages (€ m) Consumer (€ m) NPE change¹ (€ m) 2 -96 Organic -99 -127 Organic -195 Inorganic 1Q21 4Q21 2Q21 3Q21 4Q21 4Q20 1Q21 2Q21 3Q21 -5682 -1,293 Inorganic SBLs (€ m) Corporate (€ m) -16 -30 4Q20 1Q21 1Q21 4Q21 2Q21 3Q21 4Q21 4Q20 4Q21 4Q20 2Q21 3Q21 1Q21 2Q21 3Q21

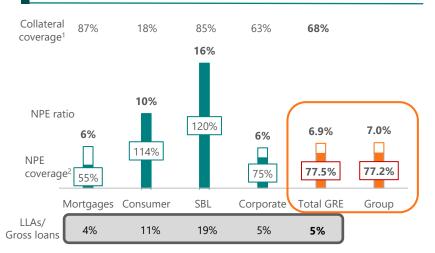
^{1.} Bank perimeter, including write offs; includes Frontier in 4Q20 and Frontier II in 4Q21



Domestic 90dpd ratios and coverage | 4Q21



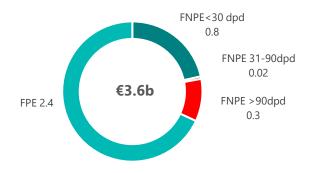
Domestic NPE ratios and coverage | 4Q21



Domestic 90dpd – NPE bridge (€ b) | 4Q21



Domestic forborne stock (€ b) | 4Q21



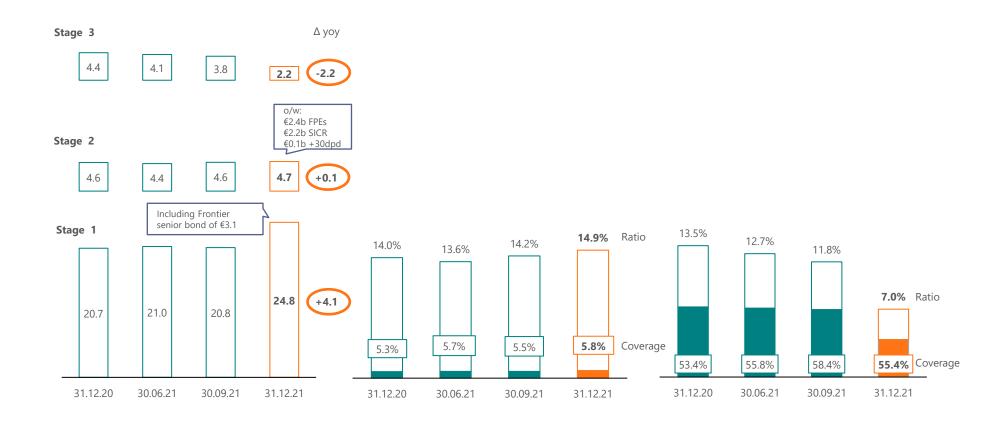
[.] Collateral coverages are Bank level. | 2. NPE coverage incorporates additional haircuts on the market value of collateral.



Group gross loan stage evolution (€ b)

Group S2 ratio and coverage (%)

Group S3 ratio and coverage (%)



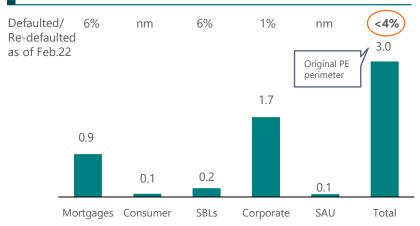


Ex moratoria client performance remains better than expected despite gradual conclusion of supportive measures

Support measures

- State subsidy program:
- **Gefyra I** to primary residence mortgages. Out of the c€1.4b eligible to subsidy (of which 40% passed through moratoria), just €63m (4%) active currently
- **Gefyra II** for SMEs and SBs. Out of c€0.8b eligible to subsidy (of which 40% undertaken by ex-moratoria clients), just €154m (20%) active currently
- NBG step up facilities (expired as of year-end 2021):
- **-"EthnoGefyra"** offered 50% instalment reduction to retail clients; YE21 balances at just c€70m
- **Corporate step up facility** allowed for instalment deferral; take up of c€200m mostly from hotel, accommodation and leisure sectors

Ex-moratoria client breakdown (€ b)

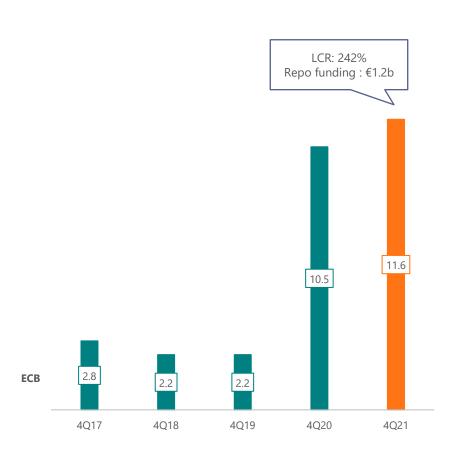


Ex-moratoria client performance

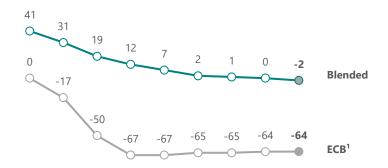
- All NBG clients have exited moratoria as of 31.12.20
- Less than 4% of ex moratoria clients were in default as of February, more than a year post moratoria expiry



Eurosystem funding (€ b)

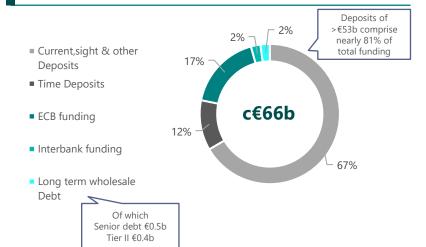


NBG Funding Cost (bps)



4Q19 1Q20 2Q20 3Q20 4Q20 1Q21 2Q21 3Q21 4Q21

Funding structure (%)



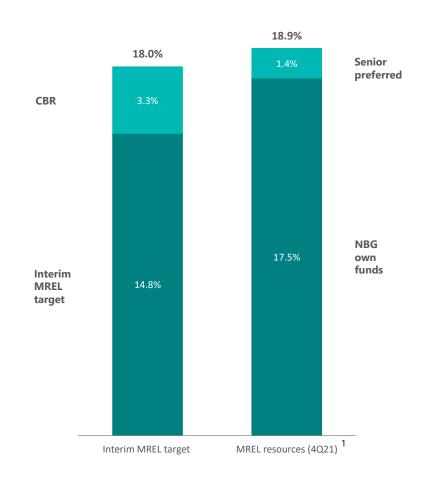
1 TLTRO CoF reflects the funding cost of the facility over its life



MREL requirements vs capacity

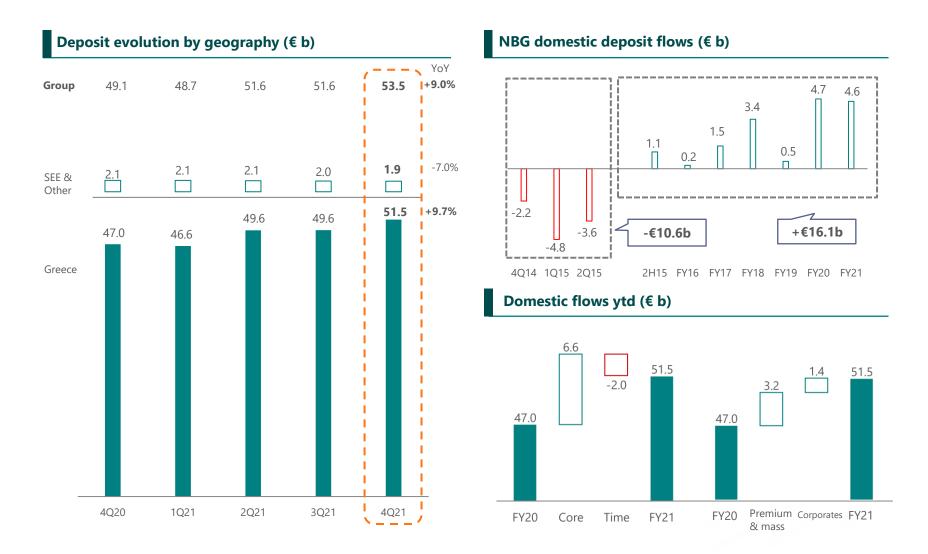
- Strong track record and recurrent presence in the debt capital markets, issuing the first green senior preferred bond in Greece (€500m) in 4Q20
- Interim MREL binding target (01.01.22) at 18.0% fulfilled
- · No subordination requirement received
- Regular access of the debt capital markets a few times per annum for gradual compliance with MREL targets, factoring in funding cost optimization considerations

MREL targets and resources | % RWAs





Domestic deposit growth continues, accompanied by a sustained time for core deposit substitution effect

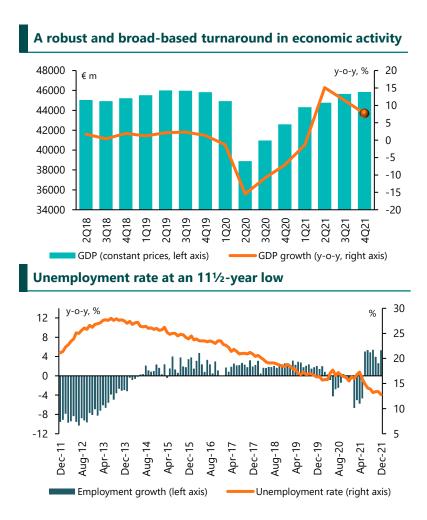




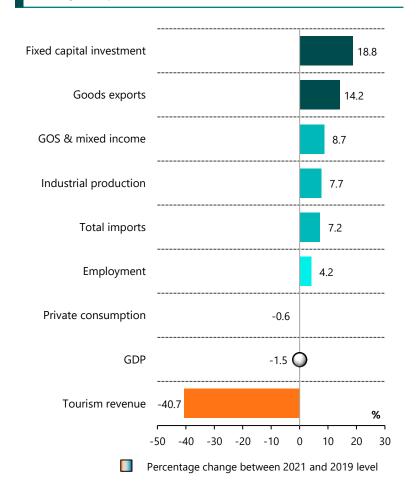
3 Macro



The Greek economy entered 2022 in high gear, with key activity metrics exceeding their pre-pandemic levels in 2021



Activity components in FY21 vs FY19



Sources: ELSTAT, Bank of Greece

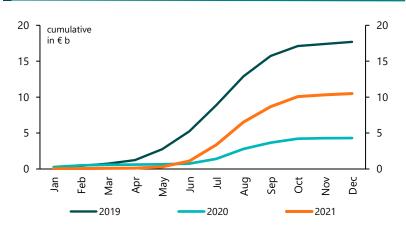




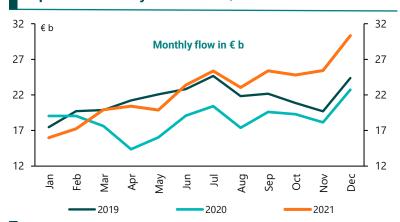
Strong turnaround in corporate profitability



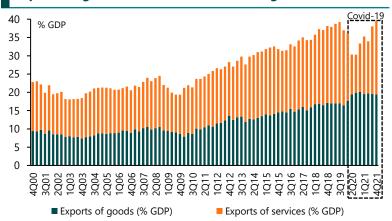
Tourism revenue exceeded expectations in 2021 but remained below 2019, by €7.3b



Impressive recovery in business T/O – €14.4b above 2019



Exports of goods & services at all time highs



Sources: ELSTAT, Bank of Greece

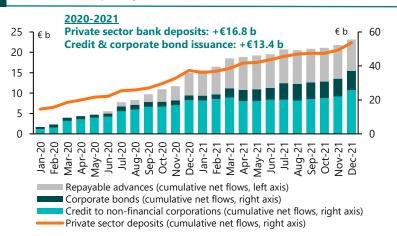
Strong disposable income growth in 2021, resilient labor market and sizeable liquidity buffers should help to cushion increasing inflation risks, now amplified by severe geopolitical tensions. ECB will remain supportive



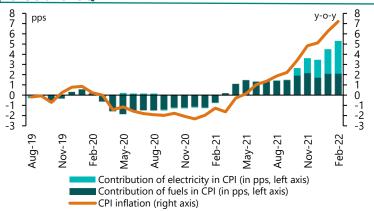




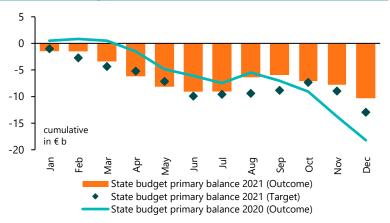
A favorable liquidity environment & sizeable cash buffers



Surging energy prices will keep inflation at very high levels until 3Q22



Better than expected fiscal performance in 2021 leads to a better starting point for 2022



Sources: ELSTAT, Bank of Greece, Thompson Reuters, Hellenic Ministry of Finance & NBG Economic Analysis estimates



4 ESG Framework





ESG strategic themes and recent efforts

- Lead the market in sustainable energy financing: Continued financing of Greek renewable energy projects through proceeds of 1st Green bond (€500m).
- Accelerate transition to a sustainable economy: Leading bank in distribution of RRF financing; incorporation of ESG criteria in credit assessment of new Corporate loans; leading bank in eco-mortgages (>30% share in 2021); B2C and B2B green financing partnerships with 3rd parties (e.g., automotive companies, power station vendors).
- Role-model environmentally responsible practices: Energy upgrades in key buildings; 100% sourcing of renewable energy; transition of car fleet to plug-in hybrid; recycling of paper and equipment; P/V installation of 1.8 MWp at subsidiary PAEGAE; support to communities of N. Evia following wildfires and Crete following earthquake. and removal of asbestos waste from former industrial unit in Western Greece.

Selected ESG metrics (2021)





PRB Target (Theme 1): €600m **RES** disbursements in 2022-24

- Champion diversity & inclusion: Strong female representation ratios (30% top- & 40% mid-management); continued activity to promote female empowerment.
- **Enable public health & well-being:** Long-standing support of NBG Mutual Health Fund (TYPET); continued sports sponsorships.
- Promote Greek heritage, culture & creativity: Long-standing contribution through NBG Cultural Foundation (MIET); continued sponsorships of arts.
- Foster entrepreneurship & innovation: Long-standing support of innovation and entrepreneurship through NBG Business Seeds (now in its 12th year).
- Support prosperity via learning & digital literacy: Continued digital literacy and migration campaigns to digital channels.

Sponsorships



PRB Target (Theme 8): 3m digital monthly

active users by 2024 (vs. 2.5m in 2021)

Adhere to the highest governance standards:

- Annual Collective Suitability, Board Evaluation & Target Profile exercises completed; revision of Internal Governance Framework in alignment to Greek Law 4706/2020.
- New Board Innovation and Sustainability Committee; new ESG Executive Committee chaired by CEO in place; new Sustainability & CSR Division in charge of overseeing ESG-related matters.



Independent NED National Bank of Greece 4021 results ESG update





ESG ratings and indices

	ESG rating	2019	2020	2021	
MSCI 🌐	ESG rating	BBB	BBB	BBB	
	Environment score	1	2	2	_
ISS ESG >	Social score	2	2	2	
	Governance score	2	2	2	_
CDP	Carbon disclosure score	С	С	С	15th year of inclusion
FTSE4Good	ESG index		✓	7th year of inclusion	
Bloomberg Gender-Squality	Gender equality index	✓	✓	✓	5th year of inclusion
ATHEX ESG INDEX	ESG index		✓	✓	_

Selected ESG-related awards (2021)



Top 10 Employer – Greece



Gold Award for the Promotion of the Innovation Ecosystem – NBG Business Seeds



Best Corporate Governance – Greece



Corporate Responsibility Index – Diamond award



5 Transformation Program Update







2021 Transformation Program structure

Our Transformation Program (launched ~2.5 years ahead of peers) has evolved into a competitive advantage

- ✓ 1 platform for strategy implementation (incl. digital transformation, ESG) and business plan target achievement
- √ 50+ initiatives with ambitious, tangible objectives to ensure continuous focus and agility
- ✓ 1,000+ colleagues actively involved in cross-functional teams to ensure delivery and sustainable change

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Transformation Program supports move towards a new business and operating model

	Selected achievements in 2021	Key metrics	2018	2019	2020	2021	YoY
HEALTHY	Completion of Frontier securitization and migration.	Bank NPE (€ b)	15.4	10.6	4.2	2.1	-50%
BALANCE SHEET (HBS)	• Set up of hubs in branch network for restructuring of Small Business loans.	Bank NPE ratio (%)	41%	32%	13.6%	6.9%	-6.7рр
	 Definition of legacy property strategies and monetization efforts of REO portfolio. 	REO sales (€ m)	0	7	13	38	+192%
EFFICIENCY & AGILITY (ENA)	 Completion of 2021 targeted Exit Scheme (VES) and further consolidation of branch network 	Domestic headcount (FTEs K)	9.2	8.5	7.8	7.4	-5%
	 Full operationalization and automation of the Demand Management function 	3 rd party personnel (FTEs K)	1.4	1.2	1.1	1.1	-3%
	 Targeted efforts on management of high-spend categories, e.g., real estate spend (incl. capture of efficiencies from WFH) 	Branches (#)	461	389	366	338	-8%
BEST BANK FOR OUR	Setup of NBG 2.0 to leverage opportunities through Recovery and Resilience Facility ("RRF")	SME lending clients (K) ¹	3.7	3.9	4.1	4.2	+4%
CLIENTS (BBC)	 Enhanced cross-selling and fees generation through the Corporate Transaction Banking unit 	Individuals bundles (K)	41	99	134	216	+61%
	• Increase in Retail cross-sales of product bundles	Business bundles (K)	0	341	350	565	+61%
	 Full roll out of new Small Business service model in branch network 	Share of transactions on alternative channels ²	80%	83%	91%	96%	+5pp
	• 3rd party partnerships for B2B loans launched						
	 Increased level of transaction migration to alternative channels 						

^{1.} SME segment defined as legal entities with turnover €2.5m-€50m or turnover <€2.5m with exposure >€1m

National Bank of Greece 4Q21 results

^{2.} Alternative channels include digital (internet, mobile), ATM and APS; total transactions include all teller and non-teller branch transactions



Transformation Program supports move towards a new business and operating model

	Selected achievements in 2021	Key metrics	2018	2019	2020	2021	YoY
DIGITAL LAYER	 Introduction of new digital products & functionalities for individuals, including: 	Registered subscribers (m)	2.0	2.4	3.0	3.5	+15%
	 Personal Data Update via eGov KYC 	Mobile app downloads	0.9	1.4	2.3	2.9	+31%
	– Mobile payments & Apple Pay	(m)				2.3	
	 Product bundles (e-value/ e-value Plus) 	Digital 12M users ¹ (m)	1.1	1.4	2.1	2.5	+19%
	 Auto & health insurance 	Digital 1M users ¹ (m)	0.9	1.2	1.7	2.0	+17%
	 ibank pass for branch appointments 	Digital onboardings of					
	 Introduction of a holistic digital offering for businesses, including: 	new & existing customers (K)	0	41	245	137	-44%
	 Digital onboarding of SB clients (market 1st) 	Digital sales (K) ²	0	91	204	220	+8%
	 End-to-end digital loan (market 1st) 						
	 Sight account opening 						
	 POS & e-commerce sales 						
	 Digital signature certificates 						
	 Account aggregation 						
	 Amplified Corporate Digital Offering with new functionalities and promotion of innovative solutions (transactions migration, APIs) 						

^{1.} Digital active customers defined as those who used NBG's Internet Banking and/or Mobile Banking platforms at least once in the last year (12M) or in the last month (1M)

^{2.} Sales of different products (units) via internet and mobile channels National Bank of Greece 4Q21 results





Selected achievements in 2021

	Selected achievements in 2021
TECHNOLOGY & PROCESSES (TEP)	 Continuation of efforts for core process reengineering (e.g., Corporate lending process) and centralizations (e.g., Small Business lending and Trade Finance).
	 Expansion of usage of new technologies, incl. RPAs, Artificial Intelligence, OCR and Blockchain.
	• Launch of Core Banking System (CBS) replacement program and further enhancement of other key systems (e.g., Card Management).
	Continuation of cloud migration program.
PEOPLE, ORGANISATION	 Roll-out of new Performance Management System (PMS) complemented by new incentive scheme that aligns individual objectives to Bank's strategic goals.
& CULTURE	 Delivery of leadership programs and customer orientation trainings to grow and upskill our talent.
(POC)	 Upgrade of HR systems and data infrastructure.
	• Launch of Bank's Purpose & Values and renewed internal communications to enhance corporate culture.
VISIBILITY,	Modernization of credit policy and sanctioning framework for Retail and Corporate.
CONTROL & COMPLIANCE	 Development of credit risk scoring models for Individuals.
(VCC)	• Enhancement of anti-money laundering ("AML") and counter terrorist financing ("CTF") practices across all lines of defense.
	Enhancement of risk and control awareness across the organisation.
ENVIRONEMENT,	Definition of overarching ESG strategy and relevant metrics to monitor its implementation.
SOCIETY & GOVERNANCE	 Incorporation of ESG criteria into the Corporate credit assessment process.
(ESG)	 Alignment of practices to UNEP FI Principles of Responsible Banking ("PRB") and other regulatory guidelines.
	 Implementation of actions to reduce direct and indirect own emissions.

















Individuals All Segments

- Existing customers digital onboarding
- New customers' digital onboarding



- Account aggregation
- Personal Financial Management (PFM)
- · Card management
- Peer-to-Peer payments
- Mobile payments for Android and iOS devices
- Personal Data Update via eGov KYC
- · ibank pass for branch appointments

- Cards (debit/ virtual prepaid/ credit)
- Accounts & time deposits
- Market 1st • Express consumer loan

Market 1st

- Bancassurance (wallet/auto/health)
- Bundles (e-value/ e-value Plus)



Business Self Employed & Legal **Entities**

- · Existing customers digital onboarding for self employed
- New customers' digital onboarding for self-employed & legal entities

Market 1st

- Account aggregation
- Debit cards management
- · COVID-related loan applications
- Legalizations
- Disbursements & repayments
- FX trading for all clients
- FX transfers for shipping clients

- · Express business loan
- Sight accounts
- POS & e-commerce for businesses
- · Debit cards for legal entities
- FX trading
- Digital signature certificates

Note: Features launched in 2021 appear in green font

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6 Appendix



Balance Sheet¹ | Group

€m	4Q21	3Q21	2Q21	1Q21	4Q20
Cash & Reserves	15,827	11,587	11,001	10,587	9,313
Interbank placements	3,639	3,152	2,906	3,037	3,478
Securities	15,251	16,093	16,152	17,000	15,768
Loans (Gross)	32,093	32,555	32,835	29,750	29,737
Provisions (Stock)	(1,655)	(2,625)	(2,685)	(2,696)	(2,720)
Goodwill & intangibles	353	320	299	284	282
RoU assets	1,160	1,146	1,157	1,175	1,177
Property & equipment	495	497	491	482	487
DTA	4,912	4,913	4,912	4,915	4,915
Other assets	7,058	7,284	7,682	7,411	8,354
Assets held for sale	4,493	6,685	6,399	6,381	6,695
Total assets	83,958	81,610	81,148	78,326	77,484
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Interbank liabilities	14,731	13,929	13,916	13,802	12,736
Due to customers	53,493	51,572	51,652	48,732	49,061
Debt securities	991	973	994	982	970
Other liabilities	4,315	4,797	4,474	4,734	5,043
Lease liabilities	1,239	1,219	1,230	1,246	1,248
Liabilities held for sale	3,417	3,406	3,371	3,333	3,341
Non-controlling interest	22	21	21	21	20
Equity	5,751	5,692	5,490	5,477	5,065
Total equity and liabilities	83,958	81,610	81,148	78,326	77,484

P&L¹ | Group

€m	4Q21	3Q21	2Q21	1Q21	4Q20
NII	308	308	300	296	316
Net fees & commissions	74	74	70	68	69
Core Income	382	382	370	364	385
Trading & other income	(9)	(36)	(42)	491	268
Total Income	374	346	328	855	654
Operating Expenses	(212)	(188)	(190)	(193)	(215)
Core Pre-Provision Income	170	194	180	171	170
Pre-Provision Income	161	158	138	662	439
Loan Impairment	(49)	(65)	(75)	(76)	(432)
Operating Profit	112	93	64	586	6
Core Operating Profit	121	129	106	95	97
Other impairment	13	4	(17)	(5)	(14)
РВТ	125	97	46	580	(8)
Taxes	(5)	(6)	(2)	(3)	(3)
PAT (cont. ops)	120	91	44	578	(11)
PAT (discont ops & other)	(20)	101	(27)	(20)	(417)
PAT	100	192	18	557	(428)



Greece

€m	4Q21	3Q21	2Q21	1Q21	4Q20	
NII	292	291	283	280	296	
Net fees & commissions	70	69	66	64	65	
Core Income	362	360	349	343	360	
Trading & other income	(12)	(38)	(42)	490	269	
Total Income	350	322	306	834	629	
Operating Expenses	(194)	(172)	(174)	(179)	(199)	
Core Pre-Provision Income	168	188	175	164	162	
Pre-Provision Income	156	150	132	655	430	
Loan Impairment	(27)	(59)	(70)	(75)	(425)	
Operating Profit	129	91	63	580	5	
Core Operating Profit ²	141	129	105	89	96	
Other impairment	1	0	(21)	(6)	(18)	
PBT	131	92	42	574	(13)	
Taxes	(3)	(5)	(0)	(2)	-	
PAT (cont. ops)	127	87	42	572	(13)	
PAT (discont. ops & other)	(4)	101	(28)	(19)	(420)	
PAT	123	188	14	553	(433)	

International¹

/ ·					
€ m	4Q21	3Q21	2Q21	1Q21	4Q20
NII	16	18	17	16	21
Net fees & commissions	4	5	4	4	4
Core Income	20	22	21	21	25
Trading & other income	4	2	0	1	0
Total Income	24	24	22	22	25
Operating Expenses	(19)	(16)	(16)	(15)	(16)
Core Pre-Provision Income	2	7	6	6	9
Pre-Provision Income	5	8	6	7	9
Loan Impairment	(22)	(7)	(5)	(1)	(8)
Operating Profit	(17)	2	1	6	1
Core Operating Profit	(20)	0	0	5	1
Other impairment	11	4	4	1	4
PBT	(6)	l 5	4	6	5
Taxes	(1)	(1)	(2)	(1)	(3)
PAT (cont. ops)	(7)	4	3	5	2



ESMA Alternative Performance Measures (APMs), definition of financial data and ratios used

The 4Q21 Financial Results Press Release contains financial information and measures as derived from the Group and the Bank financial statements for the year ended 31 December 2021 and for the year ended 31 December 2020, which have been prepared in accordance with International Financial Reporting Standards ("IFRSs"), as endorsed by the EU. Additionally, it contains financial data which is compiled as a normal part of our financial reporting and management information systems. For instance, financial items are categorized as foreign or domestic on the basis of the jurisdiction of organization of the individual Group entity whose separate financial statements record such items.

Moreover, it contains references to certain measures which are not defined under IFRSs, including 'Core operating profit' ("COP"), "Core pre-provision income" ("Core PPI"), "NIM" and others, as defined below. These measures are non-IFRSs financial measures. A non-IFRS financial measure is a measure that measures historical or future financial performance, financial position or cash flows but which excludes or includes amounts that would not be so adjusted in the most comparable IFRSs measure. The Group believes that the non-IFRS financial measures it presents allow a more meaningful analysis of the Group's financial condition and results of operations. However, the non-IFRS financial measures presented are not a substitute for IFRSs measures.



Definition of financial data, ratios used and alternative performance measures

Name	Abbreviation	Definition
Assets held for sale		Non-current assets held for sale
Balance Sheet	B/S	Statement of Financial Position
Cash & Reserves		Cash and balances with central banks
Common Equity Tier 1 Ratio	CET1 ratio	CET1 capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Common Equity Tier 1 Ratio Fully Loaded	CET1 FL ratio	CET1 capital as defined by Regulation No 575/2013, without the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Core Income	CI	Net Interest Income ("NII") + Net fee and commission income
Core Operating Result / Profit / Profitability (Loss)	COP	Core income less operating expenses and loan impairments, excluding Covid-19 & Frontier provisions of €0.8b in FY20 and the Frontier provision release of €0.2b in 3Q21
Core Pre-Provision Income	Core PPI	Core Income less operating expenses
Core Pre-Provision Margin	Core PPI Margin	Core PPI annualized over average net loans
Cost of Risk	CoR	Loan impairments of the year (or of the period annualized), excluding the Frontier provision release of €0.2b in 3Q21, over average net loans
Cost-to-Core Income	C:CI	Operating expenses over core income
Debt securities		Debt securities in issue plus other borrowed funds
Deposit Yields		Annualized interest expense on deposits over deposit balances
Deposits		Due to customers
Depreciation		Depreciation and amortisation on investment property, property & equipment including right of use assets and software & other intangible assets
Disbursements		Loan disbursements for the year/period not considering rollover of working capital repaid and increase of unused credit limits
Discontinued operations, minorities & other	r	Includes PAT from discontinued operations, non-controlling interest, as well as the LEPETE charge, VES and restructuring costs and other one off costs, as well as the Frontier provision release
Fees / Net Fees		Net fee and commission income
Forborne		Exposures for which forbearance measures have been extended according to EBA ITS technical standards on Forbearance and Non-Performing Exposures
Forborne Non-Performing Exposures	FNPEs	Exposures with forbearance measures that meet the criteria to be considered as non performing according to EBA ITS technical standards on Forbearance and Non-Performing Exposures
Forborne Performing Exposures	FPEs	Exposures with forbearance measures that do not meet the criteria to be considered as non performing according to EBA ITS technical standards on Forbearance and Non-Performing Exposures and forborne exposures under probation period
Funding cost/Cost of funding	-	The weighted average cost of deposits, ECB refinancing, repo transactions, as well as covered bonds and securitization transactions
General and administrative expenses	G&As	General, administrative and other operating expenses
Gross Loans/ Gross Book Value (GBV)		Loans and advances to customers at amortised cost before ECL allowance for impairment on loans and advances to customers at amortised cost and Loans and advances to customers mandatorily measured at FVTPL
Goodwill & Intangibles		Goodwill, software and other intangible assets
Held-for-sale	HFS	Non-current assets held for sale
HR cost		Personnel cost
Interbank liabilities/placements		Due to banks
Interest earning assets	IEAs	Interest earning assets include all assets with interest earning potentials and includes cash and balances with central banks, due from banks, financial assets at fair value throug profit or loss (excluding Equity securities and mutual funds units), loans and advances to customers and investment securities (excluding equity securities and mutual funds units).
Lease liabilities		Lease liabilities are presented separately and they are included in Other liabilities
Liabilities held for sale		Liabilities associated with non-current assets held for sale
Liquidity Coverage Ratio	LCR	The LCR refers to the liquidity buffer of High Quality Liquid Assets (HQLAs) that a Financial Institution holds, in order to withstand net liquidity outflows over a 30 calendar-day stressed period, as per Regulation (EU) 2015/16
Loan Impairments		Impairment charge for Expected Credit Loss (ECL), excluding the Frontier provision release of €0.2b in 3Q21



Definition of financial data, ratios used and alternative performance measures

		-
Loan / Lending Yield		Annualized (or annual) loan interest income over gross performing exposures
Loans-to-Deposits Ratio	L:D ratio	Loans and advances to customers over due to customers, at year end or period-end
Minorities		Non-controlling interest
Net Interest Margin	NIM	Net interest income over average interest earning assets. Net Interest Margin equals net interest income divided by the average of interest earning assets (the average of interest earning assets at the end of the current year and the end of the previous year and all quarter ends in between (5 periods) for the year end).
Net Stable Funding Ratio	NSFR	The NSFR refers to the portion of liabilities and capital expected to be sustainable over the time horizon considered by the NSFR over the amount of stable funding that must be allocated to the various assets, based on their liquidity characteristics and residual maturities
Net Loans		Loans and advances to customers
Non-Performing Exposures	NPEs	Non-performing exposures are defined according to EBA ITS technical standards on Forbearance and Non-Performing Exposures as exposures that satisfy either or both of the following criteria: (a) material exposures which are more than 90 days past due, (b) the debtor is assessed as unlikely to pay its credit obligations in full without realization of collateral, regardless of the existence of any past due amount or of the number of days past due
Non-Performing Exposures Coverage Ratio	NPE coverage	ECL allowance for impairment for loans and advances to customers divided by NPEs, excluding loans and advances to customers mandatorily measured at FVTPL, at year/period end
Non-Performing Exposures Organic Formation	NPE organic formation	NPE balance change at year end / period end, excluding sales and write-offs
Non-Performing Exposures Ratio	NPE ratio	NPEs divided by loans and advances to customers at amortised cost before ECL allowance for impairment, at the end of year/period
Non-Performing Loans	NPLs	Loans and advances to customers at amortised cost in arrears for 90 days or more
Non-Personnel expenses / Expenses		G&As + Depreciation
90 Days Past Due Coverage Ratio	90dpd coverage	ECL allowance for impairment for loans and advances to customers over gross loans in arrears for 90 days or more excluding loans mandatorily classified as FVTPL, year/period end, over gross loans in arrears for 90 days or more excluding loans mandatorily classified as FVTPL at year/period end
90 Days Past Due Ratio	90dpd / NPL ratio	NPLs at year/period end divided by loans and advances to customers at amortised cost before ECL allowance for impairment at year/period end
Operating Expenses / Costs / Total Costs	OpEx	Personnel expenses + G&As + Depreciation, excluding the defined contributions for LEPETE to e-EFKA, and other one off expenses. More specifically, for FY21 operating expenses exclude personnel expenses of €35m related to defined contributions for LEPETE to e-EFKA charge and other one-off costs of €98m. For FY20, operating expenses exclude personnel expenses of €37m related to defined contributions for LEPETE to e-EFKA charge and other one off costs of €15m
Operating Result / Operating Profit / (Loss)		Total income less operating expenses and loan impairments
Other Assets		Derivative financial instruments plus Investment property plus Equity method investments plus Current income tax advance plus Other assets
Other Impairments		Impairment charge for securities + other provisions and impairment charges on properties
Other liabilities		Derivatives financial instruments plus Deferred tax liabilities plus Retirement benefit obligations plus Current income tax liabilities plus other liabilities per FS excluding lease liabilities
Performing Loans / Exposures	PEs	Gross loans less NPEs
Profit / Loss) for the Period from Continuing Operations	PAT from continuing operations / PAT (cont. ops)	Profit for the period from continuing operations, excluding VES and restructuring costs, other one off expenses & defined contributions for LEPETE to e-EFKA, as well as the Frontier provision release. PAT (cont. ops) excludes the defined contribution for LEPETE to e-EFKA charge of €35m, VES, restructuring and other one-off costs totaling €209m and Frontier provision release of €0.2b for FY21 and the defined contribution for LEPETE to e-EFKA charge of €37m and VES, restructuring and other one-off costs totaling €152m for FY20
Property & Equipment		Property and equipment excluding RoU assets
Pre-Provision Income	PPI	Total income less operating expenses, before loan impairments
Profit and Loss	P&L	Income statement
Provisions (Stock) / Loan Loss Allowance	LLAs	ECL allowance for impairment on loans and advances to customers at amortised cost
Risk Adjusted NIM		NIM minus CoR
Risk Weightssed Assets	RWAs	Assets and off-balance-sheet exposures, weighted according to risk factors based on Regulation (EU) No 575/2013
RoU assets		RoU assets are presented separartely and they are included in Property and equipment
Securities		Investment securities and financial assets at fair value through profit & loss
Tangible Equity / Book Value	TBV	Equity attributable to NBG shareholders less goodwill, software and other intangible assets
Taxes		Tax benefit / (expenses)
Total Capital Ratio		Total capital as defined by Regulation No 575/2013, with the application of the regulatory transitional arrangements for IFRS 9 impact over RWAs
Total Group Deposits		Due to customers
Total Lending Yield / Lending Yield		Return (or annualized return) calculated on the basis of interest income from Total loan book, over the average accruing Total loans balance
Trading and Other Income		Net trading income/(loss) and results from investment securities ("trading income/(loss)") + Net other income / (expense) ("other income/(expense)")



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Due to rounding, numbers presented throughout the Press Release may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.

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The Press Release contains forward-looking statements relating to management's intent, belief or current expectations with respect to, inter alia, the Bank's businesses and operations, market conditions, results of operation and financial condition, capital adequacy, risk management practices, liquidity, prospects, growth and strategies ("Forward Looking Statements"). Forward Looking Statements concern future circumstances and results and other statements that are not historical facts, sometimes identified by the words "may", "will", "believes", "expects", "predicts", "intends", "projects", "plans", "estimates", "aims", "foresees", "anticipates", "targets", "would", "could" or similar expressions or the negative thereof.



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Contact details

Christos Christodoulou

Group CFO +30210 334 3051

cchristodoulou@nbg.gr

Maria Kanellopoulou

Investor Relations Officer +30210 334 1537

mkanellopoulou@nbg.gr

George Panagopoulos, CFA

Investor Relations Associate +30210 518 1031 panagopoylos.georgios@nbq.gr

Greg Papagrigoris

Group Head of IR +30210 334 2310

papagrigoris.gr@nbg.gr

Panagiotis Alevras

Investor Relations Officer +30210 772 7292 Alevras.Pan@nbg.gr

Investor Relations Division

93 Eolou Str., Mela Mansion 105 51 Athens ir@nbg.qr



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